Form PTO - 1449 (REV. 8-83) US Department of Commerce Patent and Trademark Office

Atty Docket: 0102314-00054

In re Application No. 09/448,223

INFORMATION DISCLOSURE STATEMENT

Applicant:

Dardinski, et al

(Use several sheets if necessary)

Filing Date:

Group:

(USE	e severai sneets ii ni	ecessary)		11/23/1999	Group: 2193
	· [J.S. PATENT DOCUM	ENTS	111/20/1000	[2709-
xaminer's			T		
nitials	U.S. Patent No.	Applicant	Issue Date		
てキ	3,825,905		July 23, 197		
		Zieve et al.	May 7, 1974		
DIP	1 000 500	المراجع المراج			
	1 73	Borie et al.	Jun. 20, 197		·
WOY 0 9 200	4,276,593		Jun. 30, 198		
ADEMAN	4,302,820 4,312,068	Struger et al.	Nov. 24, 198		
Wansenson!	4,312,068	Goss et al.	Jan. 19, 198		
	4,323,966	Whiteside et al.	Apr. 6, 1982		
	4,347,303	Paredes et al.	Aug. 31, 198		0)
	· · · · · · · · · · · · · · · · · · ·	Milligan et al.	Oct. 18, 198		REC 2700
	4,423,486		Dec. 27, 198		
	4,428,044		Jan. 24, 198		
		Milligan et al.	Mar. 6, 1984		ED 2000
	4,456,997		Jun. 26, 198		0
	4,466,098		Aug. 14, 198	34	3
	4,471,457	Videki, II	Sep. 11, 198	14 . 提	V KV
	4,488,226	Wagner, Jr. et al.	Dec. 11, 198	34	
	4,493,027	Katz et al.	Jan. 8, 1985		
	4,609,995	Hasebe	Sep. 2, 1986	3	_
	4,615,001	Hudgins, Jr.	Sep. 30, 198	36	
	4,628,437	Poschmann et al.	Dec. 9, 1986	3	
	4,641,276	Dunki-Jacobs	Feb. 3,1987		
	4,648,064		Mar. 3, 1987		
		Advani et al.	Mar. 10, 198		
		Jones et al.	May 5, 1987		
	4,672,530		Jun. 9, 1987		
		Capowski et al.	Jun. 23, 198	<u> </u>	
	4,682,304		Jul. 21, 1987		
	4,683,530		Jul. 28, 1987		
	4,692,859		Sep. 8, 1987		
		Elliott et al.	Sep. 8, 1987		The state of the s
		Abrant et al.	Oct. 27, 198		
	4,709,325		Nov. 24, 198		
		Threewitt et al.	Jan. 12, 198		
	4,727,477		Feb. 23, 198		
 -		Deyesso et al.	Mar. 22, 198		
		Miesterfeld et al.			
7/			May 3, 1988		
<u></u>	4,750,109	Nia	Jun. 7, 1988	<u>L</u>	

'	4700 700	In 40 (200
17	4,790,76 clarms, deceased et al.	
• 7	4,805,107 Kieckhafer et al.	Feb. 14, 1989
	4,816,996 Hill et al.	Mar. 28, 1989
	4,817,094 Lebizay et al.	Mar. 28, 1989
	4,872,106 Slater	Oct. 3, 1989
OIPA	4,910,658 Dudash et al.	Mar. 20, 1990
1 10V 0 9 2000 2	4,910,691 Skeirik	Mar. 20, 1990
HOV 0 9 2000 =	4,958,277 Hill et al.	Sep. 18, 1990
THE STATE OF THE S	4,959,774 Davis	Sep. 25, 1990
& DADRAMAT &	4,965,717 Cutts, Jr. et al.	Oct. 23, 1990
10000	4,965,742 Skeirik	Oct. 23, 1990
	4,965,880 Petitjean	Oct. 23, 1990
	4,991,170 Kem	Feb. 5, 1991
	5,008,805 Fiebig et al.	Apr. 16, 1991
	5,050,165 Yoshioka et al.	Sep. 17, 1991
	5,068,778 Kosem et al.	Nov. 26, 1991
	5,129,087 Will	Jul. 7, 1992
	5,134,574 Beaverstock et al	1.1 20 4002
	5,136,704 Danielsen et al.	Aug. 4 4000
	5,138,708 Vosbury	Aug. 11, 1992 6 77
	5,146,589 Peet, Jr. et al.	
	5,151,981 Westcott et al.	Sep. 29, 1992 → W
	5,162,986 Graber et al	Nov 10 1992 :
	5,163,055 Lee et al.	Nov. 10, 1992 S
	5,166,685 Campbell, Jr. et al.	Nov. 24, 1992
	5,168,276 Huston et al.	Dec. 1, 1992
	5,175,829 Stumpf et al.	Dec. 29, 1992
	5,193,175 Cutts, Jr., et al.	Mar. 9, 1993
	5,212,784 Sparks	May 18, 1993
	5,233,615 Goetz	Aug. 3, 1993
	5,255,367 Bruckert et al.	Oct. 19, 1993
	5,258,999 Wernimont et al.	Nov. 2, 1993
	5,271,013 Gleeson	Dec. 14, 1993
	5,283,729 Lloyd	Feb. 1, 1994
	5,289,365 Caldwell et al.	Feb. 22, 1994
	5,295,258 Jewett et al.	Mar. 15, 1994
	5,302,952 Campbell, Jr. et al.	Apr. 12, 1994
	5,303,227 Herold et al.	Apr. 12, 1994
	5,303,375 Collins et al.	Apr. 12, 1994
	5,303,392 Carney et al.	Apr. 12, 1994
	5,307,372 Sawyer et al.	Apr. 26, 1994
	5,317,726 Horst	May 31, 1994
	5,335,221 Snowbarger et al.	Aug. 2, 1994
	5,347,181 Ashby et al.	Sep. 13, 1994
	5,349,343 Oliver	Sep. 20, 1994
	5,352,033 Gresham et al.	Oct. 4, 1994
	5,359,721 Kempf et al.	Oct. 25, 1994
本	5,381,529 Matsushima	Jan. 10, 1995
1.25	5,501,529[Matsusnima	[Jan. 10, 1990

75	5,390,32		Feb. 14, 1995	
	5,398,331	Huang et al.	Mar. 14, 1995	
	5,400,140	Johnston	Mar. 21, 1995	
	5,410,717	Floro	Apr. 25, 1995	
Jarre		Duault et al.	Jun. 27, 1995	
	5,434,997 5,444,851	Laundry et al.	Jul. 18, 1995	
HOW 0 9 2000	5,444,851	Woest	Aug. 22, 1995	
	5,450,403	Ichii et al.	Sept. 12, 1995	
PANEMAN.	5,450,425	Gunn et al.	Sep. 12, 1995	
	5,450,764	Johnston	Sep. 19, 1995	
	5,451,939	Price	Sep. 19, 1995	
	5,457,797	Butterworth et al.	Oct. 10, 1995	
	5,459,839	Swarts et al.	Oct. 17, 1995	•
	5,463,735	Pascucci et al.	Oct. 31, 1995	
	5,475,856	Kogge	Dec. 12, 1995	
	5,481,741	McKaskle et al.	Jan. 2, 1996	
	5,483,660	Yishay et al.	Jan. 9, 1996	
	5,485,620	Sadre et al.	Jan. 16, 1996	
	5,504,902	McGrath et al.	Apr. 2, 1996	
	5,509,811	Homic	Apr. 23, 1996	C A
	5,513,095	Pajonk	Apr. 30, 1996	RECE 2700
	5,513,192	Janku et al.	Apr. 30, 1996	CEIVI
	5,513,354	Dwork et al.	Apr. 30, 1996	ENVEC
	5,517,655	Collins et al.	May 14, 1996	FBH
	5,519,701	Colmant et al.	May 21, 1996]	No State Sta
	5,522,044	Pascucci et al.	May 28, 1996	Sin Sin
	5,530,643	Hodorowski	Jun. 25, 1996	Ħ
	5,539,909	Tanaka et al.	Jul. 23, 1996	
		Dimmick, et al.	Aug. 6, 1996	
	5,550,980	Pascucci et al.	Aug. 27, 1996	
	5,551,047	Mori et al.	Aug. 27, 1996	
	5,555,213		Sep. 10, 1996	
	5,555,437	Packer	Sep. 10, 1996	
		Verseput et al.	Sep. 10, 1996	
	5,559,963	Gregg et al.	Sep. 24, 1996	
	5,568,378	Wojsznis	Oct. 22, 1996	
	5,572,673		Nov. 5, 1996	
		Bender et al.	Nov. 19, 1996	
		Barthel, et al.	Nov. 26, 1996	
		Meyerson et al.	Nov. 26, 1996	
		Atkinson et al.	Dec. 3, 1996	
	5,586,112		Dec. 17, 1996	
		Knudsen et al.	Dec. 17, 1996	
		Knudsen et al.	Dec. 17, 1996	
	5,587,899		Dec. 24, 1996	
		Knudsen et al.	Jan. 14, 1997	
1		Knudsen et al.	Jan. 21, 1997	
TI	5,600,845	Gilson	Feb. 4, 1997	

•

.

	* 					
5,611,057	Pecone et al.	Mar. 11, 1997				
5,613,148	Bezviner et al.	Mar. 18, 1997				
5,617,540	Civanlar et al.	Apr. 1, 1997				
5,627,979	Chang et al.	May 6, 1997				
5,629,949	Zook	May 13, 1997				
						
	<u> </u>					
				·		
						
		 				
						
						
	· · · · · · · · · · · · · · · · · · ·			-		
						
			`	•		
				7	•	-
			-		. 2	
		· ·		8		
				<u> </u>	3 III	
			 :	-}-		
		 			§ 0	
			<u> </u>	- 8		
			\$1.5 \$2.5			1995
			<u> </u>		<u>,, </u>	
					· · · · · · · · · · · · · · · · · · ·	
					<u> </u>	
						
						
		· · · · · · · · · · · · · · · · · · ·				
						
			_			
				·		
						
						
			•			
						
						
,,_,,	9~					
5,909,586	Anderson	June 1, 1999	-	-		
	5,611,057 5,613,148 5,617,540 5,627,979 5,629,949 5,630,056 5,630,152 5,664,168 5,642,511 5,649,121 5,655,092 5,659,680 5,671,374 5,676,141 5,680,404 5,680,409 5,682,476 5,687,316 5,701,414 5,708,779 5,727,128 5,748,467 5,751,574 5,752,007 5,752,008 5,755,007 5,752,008 5,758,073 5,758,075 5,761,518 5,761,518 5,761,518 5,761,518 5,768,119 5,777,874 5,790,791 5,793,963 5,796,602 5,797,038 5,801,942 5,805,922 5,828,851 5,841,963 5,854,944 5,862,052 5,872,992	5,604,87 Pecone 5,611,057 Pecone et al. 5,613,148 Bezviner et al. 5,617,540 Civanlar et al. 5,627,979 Chang et al. 5,629,949 Zook 5,630,056 Horvath et al. 5,630,152 DeLuca et al. 5,642,511 Chow et al. 5,649,121 Budman et al. 5,655,092 Ojala 5,659,680 Cunningham et al. 5,671,374 Postman et al. 5,676,141 Hollub 5,680,404 Gray 5,680,409 Qin et al. 5,682,476 Tapperson et al. 5,701,414 Cheng et al. 5,701,414 Cheng et al. 5,772,128 Morrison 5,748,467 Qin et al. 5,751,574 Loebig 5,752,007 Morrison 5,752,008 Bowling 5,758,073 Liang et al. 5,768,119 Havekost et al. 5,790,791 Chong et al. 5,790,792 Sim et al. 5,801,942 Nixon et al. 5,801,942 Nixon et al. 5,802,922 Sim et al. 5,802,922 Sim et al. 5,802,992 Tietjen et al. 5,872,992 Tietjen et al. 5,873,089 Regache	5,611,057 Pecone et al. Mar. 11, 1997 5,613,148 Bezviner et al. Mar. 18, 1997 5,617,540 Civanlar et al. Apr. 1, 1997 5,627,979 Chang et al. May 6, 1997 5,629,949 Zook May 13, 1997 5,630,056 Horvath et al. May 13, 1997 5,630,152 DeLuca et al. May 13, 1997 5,664,168 Yishay et al. Sep. 2, 1997 5,642,511 Chow et al. Jun. 24, 1997 5,655,092 Ojala Aug. 5, 1997 5,655,092 Ojala Aug. 5, 1997 5,655,680 Cunningham et al. Sep. 23, 1997 5,671,374 Postman et al. Sep. 23, 1997 5,680,404 Gray Oct. 21, 1997 5,680,409 Qin et al. Oct. 21, 1997 5,682,476 Tapperson et al. Nov. 11, 1997 5,701,414 Cheng et al. Dec. 23, 1997 5,703,779 Graziano et al. Jan. 13, 1998 5,727,128 Morrison Mar. 10, 1998 5,752,007 Morrison Mar. 10, 1998 5,752,008 Bowling May 12, 1998 5,752,008 Mowing May 12, 1998 5,758,073 Liang et al. May 26, 1998 5,758,075 Graziano et al. Jun. 2, 1998 5,768,119 Havekost et al. Jun. 2, 1998 5,769,791 Chong et al. Jun. 2, 1998 5,769,791 Chong et al. Jun. 2, 1998 5,769,0791 Chong et al. Aug. 11, 1998 5,769,0791 Chong et al. Aug. 11, 1998 5,769,0791 Chong et al. Aug. 11, 1998 5,797,038 Crawford et al. Aug. 11, 1998 5,797,038 Crawford et al. Aug. 18, 1998 5,797,038 Crawford et al. Sep. 1, 1998 5,805,922 Sim et al. Sep. 1, 1998 5,805,922 Sim et al. Sep. 1, 1998 5,828,851 Nixon et al. Sep. 1, 1998 5,828,851 Nixon et al. Sep. 1, 1998 5,862,052 Nixon et al. Dec. 29, 1998 5,862,052 Nixon et al. Dec. 29, 1998 5,872,992 Tietjen et al. Feb. 16, 1999	5,611,057 Pecone et al. Mar. 11, 1997 5,613,148 Bezviner et al. Mar. 18, 1997 5,617,540 Civanlar et al. Apr. 1, 1997 5,627,979 Chang et al. May 6, 1997 5,629,949 Zook May 13, 1997 5,630,056 Horvath et al. May 13, 1997 5,630,056 Horvath et al. May 13, 1997 5,630,056 Horvath et al. May 13, 1997 5,664,168 Yishay et al. Sep. 2, 1997 5,642,511 Chow et al. Jul. 15, 1997 5,644,511 Budman et al. Jul. 15, 1997 5,659,080 Cunningham et al. Aug. 19, 1997 5,659,680 Cunningham et al. Sep. 23, 1997 5,676,141 Hollub Oct. 14, 1997 5,680,404 Gray Oct. 21, 1997 5,680,409 Qin et al. Oct. 21, 1997 5,682,476 Tapperson et al. Oct. 28, 1997 5,701,414 Cheng et al. Dec. 23, 1997 5,703,779 Graziano et al. Jan. 13, 1998 5,727,128 Morrison Mar. 10, 1998 5,748,467 Qin et al. May 5, 1998 5,755,073 Liang et al. May 26, 1998 5,755,073 Liang et al. May 26, 1998 5,758,075 Graziano et al. May 26, 1998 5,758,075 Graziano et al. May 26, 1998 5,758,075 Graziano et al. Jun. 2, 1998 5,768,119 Havekost et al. Jun. 2, 1998 5,777,874 Flood et al. May 26, 1998 5,797,038 Crawford et al. Aug. 11, 1998 5,790,791 Chong et al. Aug. 4, 1998 5,797,038 Crawford et al. Aug. 11, 1998 5,796,022 Wellan et al. Aug. 18, 1998 5,790,793 Nixon et al. Sep. 1, 1998 5,805,922 Sim et al. Sep. 8, 1998 5,828,851 Nixon et al. Sep. 8, 1998 5,862,052 Nixon et al. Dec. 29, 1998 5,862,052 Nixon et al. Dec. 29, 1998 5,862,052 Nixon et al. Dec. 29, 1998 5,872,992 Tietjen et al. Feb. 16, 1999	5,611,057 Pecone et al. Mar. 11, 1997 5,613,148 Bezviner et al. Mar. 18, 1997 5,613,148 Bezviner et al. Apr. 1, 1997 5,627,979 Chang et al. Apr. 1, 1997 5,627,979 Chang et al. May 6, 1997 5,629,949 Zook May 13, 1997 5,630,056 Horvath et al. May 13, 1997 5,630,152 DeLuca et al. May 13, 1997 5,664,168 Yishay et al. Sep. 2, 1997 5,664,168 Yishay et al. Jun. 24, 1997 5,649,121 Budman et al. Jul. 15, 1997 5,655,092 Ojala Aug. 5, 1997 5,659,092 Ojala Aug. 5, 1997 5,659,680 Cunningham et al. Sep. 23, 1997 5,676,141 Hollub Oct. 14, 1997 5,680,404 Gray Oct. 21, 1997 5,680,409 Qin et al. Oct. 28, 1997 5,680,409 Qin et al. Oct. 28, 1997 5,687,316 Graziano et al. Nov. 11, 1997 5,701,414 Cheng et al. Dec. 23, 1997 5,727,128 Morrison Mar. 10, 1998 5,727,128 Morrison Mar. 10, 1998 5,751,574 Loebig May 12, 1998 5,752,007 Morrison May 12, 1998 5,755,007 Morrison May 12, 1998 5,758,073 Liang et al. May 26, 1998 5,758,073 Liang et al. May 26, 1998 5,768,119 Havekost et al. Jun. 2, 1998 5,769,602 Wellan et al. Aug. 11, 1998 5,790,791 Chong et al. Aug. 18, 1998 5,790,791 Chong et al. Sep. 3, 1998 5,790,791 Chong et al. Sep. 1, 1998 5,790,791 Chong et al. Sep. 1, 1998 5,790,792 Sim et al. Sep. 3, 1998 5,801,942 Nixon et al. Sep. 1, 1998 5,802,220 Baines Oct. 13, 1998 5,804,944 Catherwood et al. Sep. 1, 1998 5,862,052 Nixon et al. Dec. 29, 1998	5,611,057 Pecone et al. Mar. 11, 1997 5,613,148 Bezviner et al. Mar. 18, 1997 5,617,540 Civanlar et al. Apr. 1, 1997 5,627,979 Chang et al. May 6, 1997 5,629,949 Zook May 13, 1997 5,630,056 Horvath et al. May 13, 1997 5,630,056 Horvath et al. May 13, 1997 5,630,152 Det uca et al. May 13, 1997 5,664,168 Yishay et al. Sep. 2, 1997 5,642,511 Chow et al. Jun. 24, 1997 5,649,121 Budman et al. Jul. 15, 1997 5,655,092 Ojala Aug. 5, 1997 5,655,092 Ojala Aug. 5, 1997 5,655,093 Ojala Aug. 5, 1997 5,671,374 Postman et al. Sep. 23, 1997 5,671,411 Hollub Oct. 14, 1997 5,680,409 Circ at al. Oct. 21, 1997 5,680,409 Circ at al. Oct. 21, 1997 5,680,409 Circ at al. Oct. 28, 1997 5,682,476 Tapperson et al. Oct. 28, 1997 5,701,414 Cheng et al. Dec. 23, 1997 5,704,414 Cheng et al. Dec. 23, 1997 5,727,128 Morrison Mar. 10, 1998 5,748,467 Circ at al. May 5, 1998 5,751,574 Loebig May 12, 1998 5,752,007 Morrison May 12, 1998 5,755,003 Liang et al. May 26, 1998 5,756,751 Liang et al. May 26, 1998 5,756,751 Boehling et al. Jun. 2, 1998 5,768,19 Havekost et al. Jun. 2, 1998 5,799,793 Cravarford et al. Aug. 11, 1998 5,790,791 Chong et al. Aug. 11, 1998 5,797,038 Cravarford et al. Aug. 11, 1998 5,797,038 Cravarford et al. Sep. 8, 1998 5,805,922 Sim et al. Sep. 8, 1998 5,805,922 Sim et al. Sep. 8, 1998 5,822,220 Baines Oct. 13, 1998 5,824,944 Catherwood et al. Dec. 29, 1998 5,862,052 Nixon et al. Dec. 29, 1998 5,862,052 Nixon et al. Dec. 29, 1998 5,867,9992 Tietjen et al. Feb. 16, 1999

FOREIGN PATENT DOCUMENTS

Examiner's	Document No.	Country	Date	Tran	slation						
Initials				Yes	No						
6											
	[6]										
30 MDV 0	2000 5				ļ						
TRADE	ARKSO	OTHER DOCUME	NTS								
-04-	Stevens, et al. "TCP/IP Illustrated, Vol. 1. The Protocols," TCP/IP Illustrated vol. 1, XP-										
	002106390, pp. 85	-96.									
	ICCard Design Se	ptember/October 1995.									
	Strack, Bob. "The	HAWK is Soaring," Chemic	cal Processing (May 1996)	p. 11.							
	"Control System F	eatures Plug-and-Play Tec	hnology, Scalability," Chemi	ical Proces	sing						
40	(May 1996), p. 33.										
עיך	"Editors' Product P	icks," Chemical Processing	g (May 1996), p. 34.								
EXAMINER	O NOPH I	Y //	DATE CONSIDERED 2	1106							
EXAMINER:	Initial if citation cons	idered, whether or not citat	ion is in conformance with I	MPEP 609;							
			idered. Include copy of this								
next communi	cation to applicant.	·-		•							

899167.1

RECEIVED

NOV 13 2000

TC 2700 MAIL ROOM

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)



Applicant:

Dardinski, et al

Filing Date:

Group:

11/23/1999

2759

	L	J.S. PATENT DOCUM	ENTS		
Examiner's					
Initials	U.S. Patent No.	Applicant	Issue Date		
				·	
一生		Fieldhouse	4/26/94		
	5,371,895		12/6/94	<u> </u>	
		Jackson, et al	7/11/95	CA	JAK C
		Crowder, et al	8/15/95	echnold99	= <u>C</u>
		Glowny, et al	2/13/96	99	
	5,493,534	Mok	2/20/96	Cen Cen	~ ~
		Lenz, et al	8/27/96	हिंद	20 PB
	5,566,320	Hubert	10/15/96	Center 2100	
	5,594,858	Blevins	1/14/97	0	
	5,623,592	Carlson, et al	4/22/97		
	5,838,563	Dove, et al	11/17/98		
	5,903,455	Sharpe, Jr., et al	5/11/99		
	5,909,368	Nixon, et al	6/1/99		
	5,940,294	Dove	8/17/99		•
	5,960,214	Sharpe, Jr., et al	9/28/99		
	5,995,916	Nixon, et al	11/30/99		
	6,032,208	Nixon, et al	2/29/00		
72	6,098,116	Nixon, et al	8/1/00		
			<u> </u>		
Ä	FOR	REIGN PATENT DOC	UMENTS		

Examiner's	Document No.	Country	Date	T	ranslation
Initials				Ye	s No
		OTHER DOC	UMENTS		
TI	"Agenda," ISA/SF	2501988-180, ISA Dra	aft.		
	Application of PR	IAM Model to Safety S	ystems on Offshore C	il/Gas Platforms.	Silvertech
	Ltd., January 9, 1				
-11	"Automation Syst	em Monitors, Controls	Fab HVAC, Other Sys	stems," <u>Microcont</u> a	mination
Uş	(August 1994).				

. ~	T	Batch Control. Part I: Models and Terminology. (Approved February 28, 1995) ISA-S88.01 1995.
		Beestermoller, H.J., et al. "An Online and offline programmable Multi-Loop Controller for
		Distributed Systems," IEEE (1994), pp. 15-20.
		Benkhallat, Yazid, et al. "Interoperability of sensors and distributed systems," Sensors and
		Actuators A Vol. 37-38 (1993), 247-254.
-	+	Blevins, Terry. "Characteristics of Function Block Requirements for the Process Industry
		and Manufacturing Automation," Fisher-Rosemount, October 31, 1995.
		Brunn, P. "Collision Avoidance for Two Robots Sharing a Common Workspace," (1995)
		The Institution of Electrical Engineers.
		Burton, P. I. "A personal history of batch control," Measurement + Control Vol. 27 (April
		1994), pp. 69-73.
		Burton, P. I., et al. "Field Bus Based on MIL-STD-1553B: Proposal to ISA-SP-50" ERA
		Technology Ltd. (April 6, 1988) ISA/SP50-1988-148.
		Capetta, L., et al. "From Current Actuators and Transmitters Towards Intelligent Actuation
		and Measurement: PRIAM Approach," BIAS 93.
	010	Caro, Richard H. "Field Bus Applications," ISA (1989) Paper #89-0569, pp. 989-994.
	T	Caro, Richard H. "The Fifth Generation Process Control Architecture," ISA (1988) Paper
	17	#88-1487, pp. 659-667.
.	MARK SCREET	Caro, Richard H. "The Fifth Generation Process Control Architecture," ISA Transactions
18	Lil C	Vol. 28 No. 4 (1989), pp. 23-28.
	MARK	Chettle, Tim. "Multiplexing techniques optimise data collection," Electrotechnology
		(October/November 1995).
		Coleman, Vernon. "National Electrical Manufacturers Association Field Bus Report to ISA
		SP50," (October 1988) ISA/SP50-1988-234.
		"Company Profiles: What Users Need," <u>Power</u> Vol. 139 No. 6 (June 1995), p. 81.
		Conference Record of the 1993 IEEE Industry Applications Conference, Part III (excerpt).
		Contents, Proceedings of the Second International Workshop on Configurable Distributed
		Systems, March 21-23, 1994, Pittsburgh, PA.
╟─┼		
Ш		Craig, Lynn W. "SP-88 Defines Batch Control," <u>INTECH</u> March 1994, pp. 34-37.
		Crowder, R. S. "A Communication Architecture for Automation & Control," ISA, pp. 669-673.
П	-	Crowder, R. S "Generic Data Link Transactions for Simple Devices," Proposal to ISA SP
		50 & IEC/SC65C/WG6 (October 15, 1988) ISA Document.
	•	Delahostria. Communication Model Application Layer. (October 14, 1988) ISA/SP50-1988
		247, ISA Draft.
1		Delfino, B. and Pinceti, P. "Fieldbus Applications for Electrical Industrial Systems," IEEE
		(1993), pp. 2084-2090.
		"Signal Conditioners Designed for Fisher-Rosemount Systems Delta V," issued by M-
		System Co., Ltd. (December 1997).
		"DeltaV(tm) System: We Do Smart Plants." Brochure issued by Fisher-Rosemount
 		Systems (1998). "Dolto VIII System Overviews De Mare " Breehuse issued by Fisher Recompant Systems
		"DeltaV™ System Overview: Do More." Brochure issued by Fisher-Rosemount Systems
<u> </u>		(1998).
L.		Dezso, Danyi. "Halozati szabalyozas," <u>Meres es Automatika</u> Vol. 37 (1989), pp. 208-213.
	TE	Duffey, C.K., et al. "High-Level Control Language Customizes Application Programs," IEEE
	Var	Computer Applications in Power (1991), pp. 15 - 18.

***	7	
1. 41	<u></u>	Editing Committee Draft Application Layer, Version 6, December 1990
		Editing Committee Draft Application Layer, Version 8, May 1991
		Editing Committee Draft Application Layer, Version 12, October 1991
		Esprit Project 6188, "PRIAM Dictionary: Major Terms and Definitions Used in the PRIAM
		Project," Prenormative Requirements for Intelligent Actuation and Measurement, May 1995.
1		Esprit Project 8244, "User Requirements for Intelligent Transmitters and Actuators,"
		European Intelligent Actuation and Measurement User Group, November 24, 1995.
		Fieldbus Standard for Use in Industrial Control Systems. Part 2: Physical Layer
		Specification and Service Definition. (1992) ANSI/ISA-S50.02.
		Foxboro Fieldbus Proposal (Presented to ISA SP-50 Committee February 24, 1988)
		ISA/SP50-1988-123B, ISA Draft. Furness, Harry. "Fieldbus: The Differences Start From the Bottom Up," Control
		Engineering (March 1994), pp. 75-77.
	-	
		Gyorki, John R. "PLCs drive standard buses," <u>Machine Design</u> (May 11, 1995), pp. 83-90.
		Holding, David and Wood, Graham. "Communications in microprocessor industrial
		implementation," <u>Microprocessors and Microsystems</u> Vol. 3 No. 10 (December 1979), pp.
ļ		443-451.
		Johnson, Dick. "Pressure Sensing Advances: Are They in Your Process' Future?" <u>Control</u> <u>Engineering</u> (April 1995), pp. 67-72.
		Kelly, D. Mark. "Digital fieldbus cluster cuts plant's wiring costs up to 20%;" INTECH (April
\$0E30 X8	TO .	1995), pp. 62-64.
May 1	首	Koth, H. and Oeder, K. "The Advantages of Intelligent Field Modules for Nuclear Power
		Plant Operation and Maintenance," Kerntechnik 60 (1996) 5-6, pp. 215-219.
10.	95	Lenhart, Gerald W. "A Field Bus Approach to Local Control Networks," ISA, Paper #93-281 1993.
		Lenhart, Gerald W. "Fieldbus-Based Local Control Networks," <u>INTECH</u> (August 1994), p. 31-34.
		Loose, Graham. "Fieldbus the user's perspective," Measurement + Control Vol 27 (March 1994), pp. 47-51.
		Meeting Minutes, SP50, International Electrotechnical Commission, Technical Committee No. 65: Industrial-Process Measurement and Control, Sub-Committee 65C; Digital Data Communications for Measurement and Control and Working Group 6: Field Bus Standard f
		Meeting Minutes, SP50.4 Application Layer, October 19-21, 1988, Houston, TX
	•	Meeting Minutes, Windows Working Group of Application Subcommittee, March 1-3, 1989,
	 .	New Orleans, LA
		Meeting Minutes, Ad Hoc Function Block Meeting, June 14, 1990, Chapel Hill, NC
		Meeting Minutes, SP50, Signal Compatibility of Electrical Instruments, December 5-7, 1990, Orlando, FL
		Meeting Minutes, Process Control Working Group of SP50.4, January 21-23, 1991, Atlanta, GA
		Meeting Notes, International Electrotechnical Commission Sub Committee:No. 65C: Digital
てす	-	Communications Working Group 7, Process Control Function Blocks Report to AMT/7. April 4, 1996.
Щ		L-Fig. 22

_	<u>., · · · </u>		
	. 1	T	Mirabella, Orazio. "A Short Presentation of IEC Fieldbus Application Layer," Informatics and Communication Institute, Engineering Faculty, University of Catania, Italy.
			Morel, G., et al. "Discrete Event Automation Engineering: Outline of the PRIAM Project."
			"NCR Fieldbus Slave Controller Advance Information," ISA-SP50-1988-161, ISA Draft.
			"New Equipment/Literature," Control System Vol. 139, No. 4 (April 1995), p. 114.
			"New Telemecanique Programmable Controllers Feature Multiple Programming Languages," (February 11, 1985).
╟			NOAH: Network Oriented Application Harmonisation based on General Purpose Field
			Communication System. Project description rev. 1.0, October 25, 1995. P-NET, PROFIBUS, WorldFIP.
	(10)		Nobuhiko, Tsuji, et al. "An Advanced Optical Fieldbus Instrumentation System Using 16 x
k	OIP	6	16 Reflection Type Optical Star Coupler and Low Powered Transmitter," pp. 755-764.
	JAN 1	2001	Output to Valve, Revision No. 1.4, January 18, 1991, (Draft Document), Instrument Society of America
뫐	THE !	LUV 931	
K	3		manufacturing cells for educational purposes," Fast Reconfiguration of Robotic and
	0330	No.	Automation Resources (Colloquium) October 20, 1995, The Institution of Electrical Engineers
4	4		Pace, Hugh W. "Valve Actuators Ready for Fieldbus," Control Engineer (October 1995), pp.
3	E -	7	65-73.
4	1	2 7	Peshek, Clifford J., et al. "Recent Developments and Future Trends in PLC Programming
K	0		Languages and Programming Tools for Real-Time Control," IEEE Cement Industry Technical Conference (May 1993) Toronto, Canada, pp. 219-230.
-	$\neg \top$		Petti, Thomas F. and Dhurjati, Prasad S. "A Coupled Knowledge Based System Using
		· ·	Fuzzy Optimization for Advisory Control," IChE Journal Vol. 38 (September 1992) No. 9,
			pp. 1369-1378.
	}		Pfeifer T. and Fussel B. "Sensorbetriebssystem fur messtechnische Problemstellungen in der Produktionstechnik," <u>Technisches Messen</u> Vol. 58 (1991) Nos. 7/8.
\parallel			Phinney, Thomas L. "An Analysis of Contending Proposals in ISA SP-50 for an ISA/IEC
L			Field Instrument Bus," ISA (1988) Paper #88-1489.
			Preface: Field Bus Process Control User Layer Technical Support, February 10, 1993.
			Product Specification, I/A Series ® RBATCH II.
			PROWAY-LAN Industrial Data Highway. (Approved February 3, 1986) ISA-S72.01-1985.
			"Radio Field Bus," ISA/SP501988-184, ISA Draft.
			Report from IEC TC65 Working Group 6 Function Blocks, May 1 ^t , 1995.
			Schuur, C. "Comments on 'Analysis and Suggestions for ISA-SP50' as submitted to the
			SP50 Committee by Honeywell Inc." (March 11, 1988) ISA-SP50-1988-155, ISA Draft.
			Schuur, Chris and Warrior, Jay. "Philips Token Passing Field Bus Controller Timed Token Mode," ISA/SP501988-186, ISA Draft.
			"SDRD Using 1553B Data Link Services," ISA/SP50-1988-243 (1988).
	Ì		Skabowski, E. L. "Recommendations for Consideration at October, 1988 Application Layer
\parallel	<u> </u>		Subcommittee Meeting," (October 3, 1986). Solvie, Michael J. "Configuration of Distributed Time-Critical Fieldbus Systems," IEEE
		1 / 1	(1994), p. 211.
-		•	

	<u> </u>	Strothman, Jim and Ham, John. "Alliances, Fieldbus, Windows Stir ISA/94 Anaheim Pot,"
1.		INTECH (December 1994), pp. 32-35.
	1	Strothman, Jim and Ham, John. "ISA/95 New Orleans: 'Open', NT winds (not Opal) blow
		strong," INTECH (November 1995), pp. 45-48.
		"Suggested Outline for Application Sub-committee Document: Fieldbus Architecture
 		Subcommittee Document," ISA/SP50–1988-175, ISA Draft.
ļ		Table of Contents, Automation & Technology Department, 1995.
		Table of Contents, Automation & Technology Department, 1993.
		Table of Contents, Industrial Computing Society (no date).
		Table of Contents, Proceedings of the Industrial Computing Conference, Vol. 3, September 19-24, 1993, Chicago, IL. Industrial Computing Society.
		[Table of Contents], Proceedings of the 20th International Conference on Industrial
<u></u>		Electronics Control and Instrumentation, Vols. 1-3, September 5-9, 1994, Bologna, Italy.
		[Table of Contents], Proceedings of the 7th Mediterranean Electrotechnical Conference, Vol. 1, April 12-14, 1994, Antalya, Turkey.
		Table of Contents, ISA/88, Houston, MA, (no date).
OIP	E	Table of Contents, ISA/89, (no date).
	C	Tobin, David. "Southeast Paper Installs Largest Foxboro Distributed Control System."
JAN 17	2801	User Layer Structure," SP-50 Technical Report (July 25, 1990).
TRADE	. S	"User Layer Technical Report," ISA/SP501990-389C, ISA Draft.
RADE	MARIO	i comment in a comment of the programming and approach of the fire
	·	COSY control system," Nuclear Instruments and Methods in Physics Research A Vol. 352
		(1994), pp. 277-279.
		WG1 List of Criteria (Appendix 1), (October 21, 1988) ISA/SP50-1988-242; ISA Draft.
		Wood, G. G. "The Argus CONSUL System for On-Line Computer Control," Electrical
<u> </u>		Engineering Transactions (March 1969), pp. 114-118.
		Wood, G. G. "The Challenge of Standards for Plant Communication," IFAC Distributed Computer Control Systems (1982), pp. 191-192.
		Wood, G. G. "Current Fieldbus activities," <u>computer communications</u> Vol 11 (June 1988)
		No. 3, pp. 118-123.
		Wood, Graeme G. "Data Transmission, Processing and Presentation," pp. 46-54.
		Wood, G. G. "Evolution of communication standards for the process industry,"
		Measurement + Control Vol. 19 (July/August 1986), pp. 183-188.
		Wood, Graeme. "Fieldbus Status 1995," Computing & Control Engineering Journal (December 1995), pp. 251-253.
 	<u></u>	Wood, Graeme. "Generic Link Transactions for Simple Devices in Fieldbus." ISA/SP50
		1988240 (September 20, 1988.
		Wood, Graeme, G. "Standardisation Work for Communication Among Distributed Industrial
		Computer Control Systems - A Status Report," INRIA (1984), pp. 67-69.
		Wood, G. G. "Survey of LANs and Standards," Computer Standards & Interfaces Vol. 6
 		(1987), pp. 27-36.
13		Wood, G. G. "Towards digital information control," Measurement + Control Vol. 21
		(July/August 1988), pp. 179-180.

;

1

Examiner reviewed for application.

Material to reject application.

Had information been missing to reject with reference to reject would have perfected document.

21,106

ور	Please type a plus sign (+) inside this box + Under the Paperwork Reduction Act of 1995, no persons are required to resp								PTO/SB/08A (08-00) Approved for use through 10/31/2002, OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE pond to a collection of Information unless it contains a valid OMB control number.						+	
•	Substitute for form 1449A/PTO								Complete if Known							
	Substitute for form 14494P10							Applicatio	n Numb		09/448.2					
OIPE	11 /2	NFO	RMA	TION D	ISC	CLOS	SURE	E	Filing Date					000	\rightarrow	
/0. <	- <i>(</i> 1-			NT BY					First Name			November Dardinsk	er 23, 13	999		
•	101	171	LIVIL		71	L	<i>,</i> ,,,,,,,	'	Group Art			2750	219	0.3	\dashv	
MAY 2 1 21	0 %	(0	3 0 83 N	nany sheets	as ne	cessar	y)		Examiner N					17		
•	5	et 1											gherg	··		
PADEN!	at She	et i		o	1 1				Attorney Do	CKEL NUI	niber	0102314	1-00054			
PADEN							U.S	. PAT	ENT DOCU	MENTS						
	Examiner	Cite	U.S.	Patent Docu		Nar	ne of Pat	entee o	r Applicant	Date of P			Pages, Colur Where R			
	Initials'	No.1	Num	ber .	Code)			d Docu			D-YYYY		Passages or	Relevant	1	
	THE		5.36	7,640	Ĭ	Ham	ilton e	et al		11-22			Figures /	uppear		
															\Box	
	-	 	 		├	-	_					_			-	
														RECE	IVE	D
														MAY 2	3 200	11
	-		 													
													Te	chnology	Cente	r 2100
			<u> </u>							 		_			\dashv	
	<u> </u>		-		\vdash											
	<u> </u>															
			\vdash		\vdash		······································	<u>-</u>						· · · · ·	-	
							FORE	10110	ATENT DO	21120525						
		ŀ		Foreign Pat	001	-	FUKE	JON P	ATENT DOCUMENTS			Pages Col	Pages, Columns, Lines,			
	Examiner Initials	Cite No.1	Offices	Numbe		Kin	d Code ⁵ known)		Name of Patenti licant of Cited D		Cite	f Publication of d Document I-DO-YYYY	Where Passages	Relevant or Relevant Appear	T ⁸	
															\square	
		-													H	
							口			·					口	
		<u> </u>	╂╾╾╂			· - · - · · · ·	 				-				+	
			\Box				\Box									
			\vdash				 				1	-			 	
	<u> </u>	L		1	1	$-/\!\!\!/$										
	Exam	iner I			1	/// x		_		Ir	ate		-11		_	
	Signa	hine		INTI-	<u>የ</u>	$\forall I/I$					race Conside	ered	21,10)K		

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whethere or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next compliantication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁴ Applicant is to place a check mark here if English language Translation is attached.

Form PTO-1449 (Rev. 8-83)	O1 2	2 201	n n	PAT	ENT	AND '	TRAL	OF COMM DEMARK O	ERCE FFICE	ATTY. DOCKE 0102314-000		APPLICA 09/448,22	TION NO:	
IN	PORM	ATI	o Na	DISC	LOS	URE	CIT	'ATION		APPLICANT(S Dardinski, et al) :			
	VA TE	adep)	se sever	ral shee	ts if ne	cessary))			FILING DATE:		GROUP /	18T UNIT: 2195	3
						τ	J.S. P	ATENT D	OCUME	NTS		•		
EXAMINER INITIAL		1	DOCUN	MENT I	NUMBI	ER		DATE		NAME	CLASS	SUBCLASS	FILING I	
15	5						4	9/22/98	Lewis	et al		· · ·		
	5	8	1	5	1	5	2	9/29/98	Collier	et al				
	5	9	0	9	3	6	8	6/1/99	Nixon	et al				
NA	6	0	2	6	3	3	6	2/15/00	Sakura	i et al				
			<u> </u>	ـــــ	<u> </u>	—	ļ							
		-	 	┼	┼	-	-	ļ		····				
	+		\vdash	-	-	-	-				ļ			
		-	┼	\vdash	\vdash	-								
			-	-		-		 					<u> </u>	-
	!		1	<u> </u>	<u>.l</u>	FOR	EIG	N PATENT	DOCU	MENTS	L	<u>. </u>		
-									1	VIII VIII			TRANSL	ATION
			XOCUM	AENT 1	NUMBI	ER		DATE	О	OUNTRY	CLASS	SUBCLASS	YES	NO
													-: :-	
	_		<u> </u>	 	_	igspace	ļ							
		<u></u>	<u> </u>	<u></u>		<u> </u>	<u> </u>		<u> </u>			<u> </u>	<u> </u>	
<u> </u>		OTE	IER I	DOC	UME	NTS	(incli	iding Autho	or, Title,	Date, Pertin	ent Pages,	, Etc.)		
												REC	EIVE)
	-				<u>.</u>		1	1				DEC	2 7 2001	
Examiner	Dat	e Con	sidere	 :d:	0	M.	*			21	106	Technolog	y Center	2100
	*EX	AMINI	ER: Init	ial if re	ference ed. Inc	conside	ered, w	emer or not cita	ation is in co	onformance with Maration to applicant.	PEP 609; Dr	aw line through o		

Form P	83)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE O 1 O APPLICANT(S): Pardinski, et al (Use several sheets if necessary)										09/448,22	15.V.E.D 3 0 8 2001
	I	NFO	RM	ATI(ON E	DISC	LOS	URE	CIT	'ATTON	Dardinski, er al			gy Center 2100
					e sever		s ij nei	cessury)		PATERITATION	FILING DATE	:	GROUP A	art unit: 2195
					_			U	J.S. P	ATENT D	CUMENTS	·	,	
EXAMII INITI					OCUM	(ENT)	NUMBI	ER		DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*
-17	۲		5	5	9	8	5	6	6	1/28/97	Pascucci, et al			
			5	8	3	8	5	6	3	11/17/98	Dove, et al			
			5	9	4	0	2	9	4	8/17/99	Dove			
			5	9	8	0	0	7	8	11/9/99	Krivoshein, et al			
10	Ø		6	0	7	8	3	2	0	6/20/00	Dove, et al			
			_				<u> </u>							
										17	Y			
							<u> </u>		<u> </u>			ļ		
) =			
								FOR	EIG	N PATENT	DOCUMENTS		r	· · · · · · · · · · · · · · · · · · ·
				D	юсим	IENT 1	NUMBE	ER.		DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
				Γ—		1	1	1	T		 			YES NO
					-		<u> </u>	-	┢	<u> </u>			<u> </u>	
				-					 					<u> </u>
			_		-	-	-			 				
			L	OTH	ED I)	IMIE	NTS	(inch	ding Autho	r, Title, Date, Pertin	ent Pages	Fig.)	
· · · · · · · · · · · · · · · · · · ·						-			1000000	710070	, , , , , , , , , , , , , , , , , , ,			
														
								··						
								24		1/1		•		
Exami	ner		Date	Cons	sidere	d:				KVV	21	06		
			*EX	AMINE	R: Initi	al if re	ference	conside	red, wh	nether or not citz	tion is in conformance with I t communication to applicant.	MPEP 609; Dr	aw line through c	itation if not in
									., vi ul	~ .~	· · · · · · · · · · · · · · · · · · ·	•	#939504v1 <i< td=""><td>manage> -1449.wpd</td></i<>	manage> -1449.wpd

Form PTO - 1449 (RÈV. 8-83)

Department of Commerce Patent and Trademark Office

Atty Docket: 0102314-00054

In re Application No. 09/448,223

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant:

Dardinski, et al

Filing Date:

Group:

11/23/1999

200 2/93

Examiner's Initials U.S. Patent No. Applicant Issue Date											
Initials ILIS Patent No Applicant Issue Date											
Thinking 10.0: I atom No. Applicant 10.0: I atom No.											
3,825,905 Allen Jr. July 23, 1974											
3,810,119 Zieve et al. May 7, 1974 RECE	ilvo-										
3,825,905 Allen Jr. July 23, 1974 3,810,119 Zieve et al. May 7, 1974 4,096,566 Borie et al. Jun. 20, 1978	vED.										
4 276 593 Hansen Jun 30 1981 = 0 2 9	200										
4,302,820 Struger et al. Nov. 24, 1981 Group a											
4,302,820 Struger et al. Nov. 24, 1981 Group 21 4,312,068 Goss et al. Jan. 19, 1982	00										
4,323,966 Whiteside et al. Apr. 6, 1982											
4,347,563 Paredes et al. Aug. 31, 1982											
4,410,942 Milligan et al. Oct. 18, 1983											
4,423,486 Berner Dec. 27, 1983											
4,428,044 Liron Jan. 24, 1984											
4,435,762 Milligan et al. Mar. 6, 1984											
4,456,997 Spitza Jun. 26, 1984											
4,466,098 Southard Aug. 14, 1984											
4,471,457 Videki, II Sep. 11, 1984											
4,488,226 Wagner, Jr. et al. Dec. 11, 1984											
4,493,027 Katz et al. Jan. 8, 1985											
4,609,995 Hasebe Sep. 2, 1986											
4,615,001 Hudgins, Jr. Sep. 30, 1986											
4,628,437 Poschmann et al. Dec. 9, 1986											
4,641,276 Dunki-Jacobs Feb. 3,1987											
4,648,064 Morley Mar. 3, 1987											
4,649,479 Advani et al. Mar. 10, 1987											
4,663,704 Jones et al. May 5, 1987											
4,672,530 Schuss Jun. 9, 1987											
4,675,812 Capowski et al. Jun. 23, 1987											
4,682,304 Tierney Jul. 21, 1987											
4,683,530 Quatse Jul. 28, 1987											
4,692,859 Ott Sep. 8, 1987											
4,692,918 Elliott et al. Sep. 8, 1987											
4,703,421 Abrant et al. Oct. 27, 1987											
4,709,325 Yajima Nov. 24, 1987											
4,719,593 Threewitt et al. Jan. 12, 1988											
4,727,477 Gavril Feb. 23, 1988											
4,733,366 Deyesso et al. Mar. 22, 1988											
4,742,349 Miesterfeld et al. May 3, 1988											
イ 4,750,109 Kita Jun. 7, 1988											



puplicate

10

11 9 2000

			·		
-63	<u> </u>	4,790,762	arms, deceased et al.	Dec. 13, 1588	
•		4,805,107	kieckhafer et al.	Feb. 14, 1989	
	•	4,816,996	Hill et al.	Mar. 28, 1989	
		4,817,094	Lebizay et al.	Mar. 28, 1989	
		4,872,106	Slater	Oct. 3, 1989	
AT .		4,910,658	Dudash et al.	Mar. 20, 1990	
STATE OF THE PARTY		4,910,691	Skeirik	Mar. 20, 1990	
B		4,958,277	Hill et al.	Sep. 18, 1990	· · · · · · · · · · · · · · · · · · ·
NE I	2 7	4,959,774	Davis	Sep. 25, 1990	·
THE REAL PROPERTY.	目勿		Cutts, Jr. et al.	Oct. 23, 1990	
TO THE	030	4,965,742	Skeirik	Oct. 23, 1990	
	***	4,965,880	Petitjean	Oct. 23, 1990	
		4,991,170		Feb. 5, 1991	
			Fiebig et al.	Apr. 16, 1991	
			Yoshioka et al.	Sep. 17, 1991	RECEN
			Kosem et al.	Nov. 26, 1991	NOW ED
		5,129,087		Jul. 7, 1992	NOV 29 2000 Group 2100
			Beaverstock et al	Jul. 28, 1992	Group 2000
			Danielsen et al.	Aug. 4, 1992	-40 S100
		5,138,708		Aug. 11, 1992	<u> </u>
			Peet, Jr. et al.	Sep. 8, 1992	
			Westcott et al.	Sep. 29, 1992	
			Graber et al	Nov. 10, 1992	
		5,163,055		Nov. 10, 1992	
			Campbell, Jr. et al.	Nov. 24, 1992	
			Huston et al.	Dec. 1, 1992	
			Stumpf et al.	Dec. 29, 1992	
	<u> </u>		Cutts, Jr., et al.	Mar. 9, 1993	
		5,212,784		May 18, 1993	
		5,233,615		Aug. 3, 1993	
			Bruckert et al.	Oct. 19, 1993	
1			Wernimont et al.	Nov. 2, 1993	
		5,271,013		Dec. 14, 1993	
		5,283,729		Feb. 1, 1994	
			Caldwell et al.	Feb. 22, 1994	
			Jewett et al.	Mar. 15, 1994	
			Campbell, Jr. et al.	Apr. 12, 1994	
			Herold et al.	Apr. 12, 1994	
			Collins et al.	Apr. 12, 1994	
			Carney et al.	Apr. 12, 1994	
			Sawyer et al.	Apr. 26, 1994	
		5,317,726		May 31, 1994	
			Snowbarger et al.	Aug. 2, 1994	·
			Ashby et al.	Sep. 13, 1994	
		5,349,343		Sep. 20, 1994	
			Gresham et al.	Oct. 4, 1994	
			Kempf et al.	Oct. 25, 1994	
12			Matsushima	Jan. 10, 1995	

t

·		E 200 204	<u> </u>	Trib 44	
77		5,390,321		Feb. 14, 1995	
			riuang et al.	Mar. 14, 1995	
			Johnston	Mar. 21, 1995	· · · · · · · · · · · · · · · · · · ·
		5,410,717		Apr. 25, 1995	
	TPA		Duault et al.	Jun. 27, 1995	
10	7.7		Laundry et al.	Jul. 18, 1995	
- I IN	1 32000 (2)	5,444,851		Aug. 22, 1995	•
140/	. 1 200 8)	5,450,403	Ichii et al.	Sept. 12, 1995	
Tag.		5,450,425	Gunn et al.	Sep. 12, 1995	· · · · · · · · · · · · · · · · · · ·
- PA	DEMARKORIE	5,450,764		Sep. 19, 1995	
		0,701,000		Sep. 19, 1995	- Dr
			Butterworth et al.	Oct. 10, 1995	"FCEH
	<u>. </u>		Swarts et al.	Oct. 17, 1995	MOV TED
	_		Pascucci et al.	Oct. 31, 1995	29200
		5,475,856		Dec. 12, 1995	TOUP
			McKaskle et al.	Jan. 2, 1996	Group 2100
			Yishay et al.	Jan. 9, 1996	
			Sadre et al.	Jan. 16, 1996	····
			McGrath et al.	Apr. 2, 1996	
		5,509,811		Apr. 23, 1996	
		5,513,095		Apr. 30, 1996	
			Janku et al.	Apr. 30, 1996	
			Dwork et al.	Apr. 30, 1996	
			Collins et al.	May 14, 1996	
			Colmant et al.	May 21, 1996]	
			Pascucci et al.	May 28, 1996	
			Hodorowski	Jun. 25, 1996	
		5,539,909	Tanaka et al.	Jul. 23, 1996	
			Dimmick, et al.	Aug. 6, 1996	
		5,550,980	Pascucci et al.	Aug. 27, 1996	
		5,551,047		Aug. 27, 1996	·
		5,555,213	DeLong	Sep. 10, 1996	
		5,555,437		Sep. 10, 1996	
		5,555,510	Verseput et al.	Sep. 10, 1996	
		5,559,963	Gregg et al.	Sep. 24, 1996	
		5,568,378	Wojsznis	Oct. 22, 1996	
		5,572,673	Shurts	Nov. 5, 1996	
		5,576,946	Bender et al.	Nov. 19, 1996	
		5,579,220	Barthel, et al.	Nov. 26, 1996	
		5,579,487	Meyerson et al.	Nov. 26, 1996	
		5,581,760	Atkinson et al.	Dec. 3, 1996	
		5,586,112	Tabata	Dec. 17, 1996	
		5,586,329	Knudsen et al.	Dec. 17, 1996	
		5,586,330	Knudsen et al.	Dec. 17, 1996	
		5,587,899	Ho et al.	Dec. 24, 1996	
		5,594,899	Knudsen et al.	Jan. 14, 1997	
		5,596,752	Knudsen et al.	Jan. 21, 1997	
75		5,600,845		Feb. 4, 1997	

	5 604 974	Ech 10 197
-0	5,604,871 cone	Feb. 18, 1997
	5,611,057 Pecone et al.	Mar. 11, 1997
	5,613,148 Bezviner et al.	Mar. 18, 1997
	5,617,540 Civanlar et al.	Apr. 1, 1997
<u> </u>	5,627,979 Chang et al.	May 6, 1997
012	5,629,949 Zook	May 13, 1997
	5,630,056 Horvath et al.	May 13, 1997
3 3200 (0)	5,630,152 DeLuca et al.	May 13, 1997
1	5,664,168 Yishay et al.	Sep. 2, 1997
13	5,642,511 Chow et al.	Jun. 24, 1997
Jan AN OFF	5,649,121 Budman et al.	Jul. 15, 1997
	5,655,092 Ojala	Aug. 5, 1997
	5,659,680 Cunningham et al.	Aug. 19, 1997
	5,671,374 Postman et al.	Sep. 23, 1997
	5,676,141 Hollub	Oct. 14, 1997
	5,680,404 Gray	Oct. 21, 1997
	5,680,409 Qin et al.	Oct. 21, 1997
	5,682,476 Tapperson et al.	Oct. 28, 1997
	5,687,316 Graziano et al.	Nov. 11, 1997 Nov 2
	5,701,414 Cheng et al.	Dec. 23, 1997
	5,708,779 Graziano et al.	Oct. 21, 1997 Oct. 28, 1997 Nov. 11, 1997 Dec. 23, 1997 Jan. 13, 1998 Mar. 10, 1998
	5,727,128 Morrison	Mar. 10, 1998
	5,748,467 Qin et al.	May 5, 1998
	5,751,574 Loebig	May 12, 1998
	5,752,007 Morrison	May 12, 1998
	5,752,008 Bowling	May 12, 1998
	5,758,073 Liang et al.	May 26, 1998
	5,758,075 Graziano et al.	May 26, 1998
	5,761,518 Boehling et al.	Jun. 2, 1998
	5,768,119 Havekost et al.	Jun. 16, 1998
	5,777,874 Flood et al.	Jul 7, 1998
	5,790,791 Chong et al.	Aug. 4, 1998
	5,793,963 Tapperson et al.	Aug. 11, 1998
	5,796,602 Wellan et al.	Aug. 18, 1998
	5,797,038 Crawford et al.	Aug. 18, 1998
	5,801,942 Nixon et al.	Sep. 1, 1998
	5,805,922 Sim et al.	Sep. 8, 1998
	5,822,220 Baines	Oct. 13, 1998
	5,828,851 Nixon et al.	Oct. 27, 1998
	5,841,963 Nakamikawa et al.	Nov. 24, 1998
	5,854,944 Catherwood et al.	Dec. 29, 1998
	5,862,052 Nixon et al.	Jan. 19, 1999
	5,872,992 Tietjen et al.	Feb. 16, 1999
	5,873,089 Regache	Feb. 16, 1999
TY	5,909,586 Anderson	June 1, 1999
	FOREIGN PATENT DOCU	MENTS

		<u> </u>									
Examiner's	Document No.) Jountry	Date	Tran	slation						
Initials ···				Yes	No						
					<u> </u>						
					 						
OTHER DOCUMENTS											
(O)	Stevens, et al. "TCP/IP Illustrated, Vol. 1. The Protocols," TCP/IP Illustrated vol. 1, XP-002106390, pp. 85-96.										
THE SAME	Card Design Se	ptember/October 1995. HAWK is Soaring " Chemic	cal Processing (May 1996)	n 11							
THE THE STATE OF STAT	Toomson Oystom i	CCard Design September/October 1995. Strack, Bob. "The HAWK is Soaring," Chemical Processing (May 1996) p. 11. "Control System Features Plug-and-Play Technology, Scalability," Chemical Processing									
(May 1996), p. 33. "Editors' Product Picks ("Chemical Processing (May 1996), p. 34.											
EXAMINER	Enak	HWY	DATE CONSIDERED 2	166							
EXAMINER: I	nitial if citation cons	idered, whether or not citat	ion is in conformance with I	MPEP 609							
Draw line through citation if not in conformance and not considered. Include copy of this form with											
next communication to applicant.											

899167.1

puplicate

PECEIVED

Oroup 2100

Form PTO-1449 (Rev. 8-83)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO: 0102314-00054

APPLICATION NO:

APPLICANT(S): Dardinski, et al

NOV , SIVED

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

FILING DATE: 11/23/99

U.S. PATENT DOCUMENTS

							,,,,,					
EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*
	5	5	9	6	3	3	1	1/21/97	Bonaffini et al			
	5	7	1	9	7	6	1	2/17/98	Gatti et al			
	5	7	2	6	9	1	2	3/10/98	Krall, Jr. et al			
	5	8	3	2	4	1	8	11/3/98	Meyer			
	5	8	3	8	9	2	0	11/17/98	Rosborough			
	5	9	8	0	0	7	8	11/9/99	Krivoshein et al.			
	6	0	1	4	5	9	1	1/11/00	Ikeda			
	6	0	1	4	6	1	2	1/11/00	Larson et al.			
	6	0	2	6	3	5	2	2/15/00	Burns et al.			
	6	0	3	5	2	6	4	3/7/00	Donaldson et al.			
			-			FOR	EIG	N PATENT	DOCUMENTS		<u> </u>	<u> </u>

	n	OCUM	ENT N	IUMBE	en.	DATE	COLINERN	CT ASS	CLIDGI ACC	TRANSLATION		
		OCOM	ENI N	COMIDE		DATE	COUNTRY	CLASS	SUBCLASS	YES	NO	
							-					
												
 							L	_ 1				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant.

#922562v1 < IMANAGE > -1449 (Foxboro 54).wpd

Form PTO-1449 C.S. DEPARTMENT OF COMMERCE (Rev. 8-83) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO: 0102314-00054

APPLICATION NO: 09/448,223

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT(S): Dardinski, et al

FILING DATE: 11/23/99

GROUP ART LOST

				_						11/23/33				<10
		-					U	.S. P	ATENT D	OCUMENTS				
EXAMINER INITIAL			DO	CUM	ENT	NUM	BER		DATE	NAME	CLASS	SUBCLASS	FILING I APPROP	
		6	0	4	9	7	7	5	4/11/00	Gertner et al.				-
		6	0	7	8	3	2	0	6/20/00	Dove et al.				
		6	0	9	4	6	0	0	7/25/00	Sharpe, Jr. et al.				
							·							
											 			
<u></u>				L	<u> </u>	!	FOR	EIGN	N PATENT	DOCUMENTS	_1	i		
			DO	CUM	ENT I	NUMI	BER		DATE	COUNTRY	CLASS	SUBCLASS	TRANSL	ATION NO
													1	
	1													
	-													
		٧	ОТН	ER I	OCI	JME	NTS	(inclu	ding Autho	r, Title, Date, Pertii	nent Pages	Etc.)		
										·,, - ····				
										<u> </u>	· -	 		·
Examiner				idered	.					•		·		
Examiner	⊢					erence :	conside	red wh	ether or not eim	tion is in conformance with	MDED 600. D-	on line through	impion if ac-	in.
	- 10	confo	rmance	and co	nsideræ	d. Inch	ude cop	y of thi	s form with nex boro 54).wp	t communication to applicant	wirer 009; Dr I.	om inte anonku c	164UH 11 110U	រា

JUN 8 2001

Technology Center 2100

PTO/SB/08A (08-00)

Approved for use through 10/31/2002.OMB 0551-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known Application Number 09/448,223 Filing Date November 23, 1999 First Named Inventor Steven Dardinski 2750 Group Art Unit Examiner Name Net Yet Assigned

(use as many sheets as necessary) 7 102314-0054 1 of Attorney Docket Number

U.S. PATENT DOCUMENTS										
Examiner Initials	Cite No.		Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
THE.	Α	4,897,777	Janke	et al	01-30-1990					
ī	В	4,918,690	Mark	kula, Jr. et al	04-17-1990					
	С	5,122,948	Zapo	in	06-16-1992					
	D	5,131,092	Sack	mann et al	07-14-1992					
\top	E	5,151,978	Broni	kowski et al	09-29-1992					
	F	5,159,673	Sack	mann et al	10-27-1992					
	G	5,245,704	Webe	er et al	09-14-1993					
	Н	5,297,143	Fridri	ch et al	03-22-1994					
	1	5,307,463	Hyatt	et al	04-26-1994					
1	J	5,490,276	Doli,	Jr. et al	02-06-1996					
1	K	5,598,536	Slaug	hter, III et al	01-28-1997					
	L	5,664,101	Picac	he	09-02-1997					
1	М	5,732,218	Bland	l et al	03-24-1998					
	N	5,737,529	Dolin	Dolin, Jr. et al 04-07-						
	0	5,742,762	Schol	l et al	04-21-1998					
	P	5,752,246	Roge	rs et al	05-12-1998					
	Q	5,754,772	Leaf		05-19-1998					
	R	5,764,906	Edels	tein et al	06-09-1998					
	S	5,768,510	Gish		06-16-1998					
	T	5,774,670	Monti	ılli	06-30-1998					
	U	5,801,770	Paff e	et al	09-01-1998					
	V	5,805,442	Crate	r et al	09-08-1998	· · · · · · · · · · · · · · · · · · ·				
	w	5,831,669	Adrai	n	11-03-1998					
	X	5,844,601	McPh	eely et al	12-01-1998					
	Y	5,847,957	Cohe	n et al	12-08-1998	· · · · · · · · · · · · · · · · · · ·				
	Z	5,874,990	Kato		02-23-1999	·				
	AA	5,880,775	Ross		03-09-1999					
	AB	5,930,768	Hoob	an	07-27-1999					
	AC	5,956,487	Venk	atraman et al	09-21-1999					
	AD	5,975,737	Crate	r et al	11-02-1999					
\neg	AE	5.982,362	Crate	r et al	11-09-1999					
マヤ	AF	6,061,603		dopoulos et al	09-09-2000					



RECEIVED

JUN 8 2001

Technology Center 2100 PTO/SB/08A (08-00)
Approved for use through 10/31/2002.OMB 0651-0031
U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE \Box U. S. Patent and Trauerisan Union. U.S. Decrease and ONB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid ONB control number.

Substitute for form 1449A/PTO

Sheet

Examiner Signature

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

2 of 7

Complete if Known							
Application Number	09/448,223						
Filing Date	November 23, 1999						
First Named Inventor	Steven Dardinski						
Group Art Unit	2759 2193						
Examiner Name	Not Yet Assigned Fright						
Attorney Docket Number	102314-0054						

<u> </u>				FORE	IGN PATENT DOCUMENTS	3		
Examiner Initials*	Cite No.1	Office ³	Foreign Patent Docu Number ⁴	Mind Code (# known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	70
74	AG	PCT	WO 96/31047	, A	University of California	03-10-1996		T
T	АН		WO 97/07486		Prism Video, Inc.	02-27-1997		
14	ĀJ	EP	0 411 869 A3	J	Westinghouse Electric	07-30-90		oxdot
		Ь	 		<u> </u>			\bot
		ļ						+
	-	-						+
			<u> </u>		 	 		\forall
· · · · · · · · · · · · · · · · · · ·		 						T
	1.		· ·					\top
								\Box
								Ш
	ļ							\perp
	<u> </u>					 		₩
	<u> </u>	 -			 			+
		 			 	-		+
	 	1				 		+
						1		T
								\sqcap
		<u> </u>						
								Ш
								Ш
	<u> </u>	ļ						+
	<u> </u>							╁┤
		_				 		┼┤
	 	 		1		 		H
L	L	l	-64	- //-	L			ш

not plation is in conformance with MPEP 609. Oraw tine through citation if not in conformance and not nightion to applicant. *EXAMINER: Initial if reference cons considered. Include copy of this form with next com

Date

Considered

¹Unique citation designation number. ² See sitached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (MIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁴ Applicant is to place a check mark here if English language Translation is attached.

JUN 8 2001

Technology Center 2100

Culiology Cerner 2100

PTO/SB/08B (08-00)

Approved for use through 10/31/2002.OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Upper the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

OIPE SCITA

Complete if Known Substitute for form 1449A/PTO 09/448,223 Application Number INFORMATION DISCLOSURE Filing Oate November 23, 1999 STATEMENT BY APPLICANT First Named Inventor Steven Dardinski Group Art Unit 2759 (use as many sheets as necessary) Not Yet Assigned Examiner Name Attorney Docket Number 102314-0054 3 œ

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Initials publisher, city and/or country where published. ĀJ "Tribe Computer Works' Net Products Can be Managed via World Wide Web," IAC (SM) Newsletter Database ™, DataTrends Publications, Inc., No. 11, Vol. 7, May AK "Briefs," Network World, May 29, 1995, p. 19. Wilder, Clinton, "Network Management; Russing Nets Via The Web - Tribe's AL WebManage uses popular interface," InformationWeek, May 29, 1995, p. 62. "Pipeline; Announced," InfoWorld, May 29, 1995, p. 45. AM AN Bernard, Viki, *Remote-access ware emerge; Shiva, Nortel, and Tribe leading list of innovators," PCWeek, No. 21, Vol. 12, May 29, 1995, p. 47. AO "Tribe Announces Revolutionary Use of the Internet; Launches Innovative Remote Management Solution; New WebManage Technology Provides Network Management via World Wide Web," Business Wire, May 22, 1995. AP Tribe Launches First Networking Device Capable of Being Managed via Internet Web Browser; TribeLink2 Enables Remote Computing and Internet Access,* Business Wire, May 22, 1995. Dryden, Patrick, "Tribes WebManage Enables Remote Fixes," ComputerWorld, AQ May 22, 1995, p. 14. AR Ko, Diffu, "Trobe defines net management role for Web browser software," Network World, May 22, 1995, p. 14. AS "Tour an actual TribeLink via WebManage," web page print-out from http://www.tribe.com/products/webmanage/quick_view.htm. (1 page) AT *Tribe Launches Innovative Remote Management Solution; New WebManage Technology Provides Network Management Via the World Wide Web," web page print-out (7/12/99) from http://www.tribe.com/products/webmanage/wm_pr. (1 AU "TribeRoute," web page print-out (7/12/99) from http://www.tribe.com/products/tr/index. (3 pages) ΑV "TribeStar," web page print-out from http://www.tribe.com/products/tribestar/index.htm (3 pages). AW Pappalardo, Denise, "Router Can Be Managed via Net." InternetWeek, May 22, 1995, p. 6. AX Rodriguez, Karen, "Tribe sets software," Interactive Age, Vol. 2, No. 15, May 22, 1995, p. 25. AY Welch, Nathalie, "Tribe to manage via Web; Tribe Computer Works Inc.'s TribeLink2 Product Announcement," MacWEEK, Vol. 9, No. 21, May 22, 1995, P. 18. ΑZ Pappalardo, Denise, "Digi Introduces IP/IPX Router," InternetWeek, April 24, 1995, p. 15. BA "WWWF'94: Papers Received," web page print-out (4/7/2000) from http://www.ncsa.uiuc.edu/SDG/IT94/Agenda/Papers-received.html (8 pages). BB Elmer-Dewitt, Philip, "Snowballs in Cyberspace; With a modern and a soldering iron, you too can build an Internet site that is really cool and totally useless," Time, January 16, 1995, p. 57.



Substitute for form 1449A/PTO

PTO/SB/08B (08-00) Approved for use through 10/31/2002.0MB 0651-0031
U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Complete If Known

 \Box Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid CMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Application Number 09/448,223 November 23, 1999 Filing Date Steven Dardinski First Named Inventor 2193 Group Art Unit 2759 Not Yet Assigned Examiner Name

Shee	t L	4		of	7	Attorney Docket Number	102314-0054	"echnology
7	12	ВС	Distribute Testsyste out from	ed Eng ems C	gineering," Institute livision, University o	of Computer-Aided of Erlangen-Number	System Control Sup Circuit Design – Tea rg, Germany, web pa CW/scharf/scharf.htm	pports st and age print-
		BD	Cox, Mark J. and Baruch, Dr. John E. F. "Robotic Telescopes: An Interactive Exhibit on the World-Wide Web," web page print-out from http://www.ncsa.uiuc.edu/SDG/IT94/Proceedings/Museum/cox/markcox.html (11 pages)					tml (11
		BE			"Fast Forward; Reumn 3, Page 42, De		," The New York Tin	nes,
		BF	Houston	Chror	nicle, December 25,	1994, Pg. 2.	d hardware of 1994,	
		BG	Times, S	ection	C, Column 1, Page	e 1, January 10, 199		
		вн	73 .	•			ing Times, April 8, 19	
		BI	7-8, 10-1	5, 20-	21.		Software Strategies	
BJ Momal, F. and Pinto-Pereira, C. *Using Wor from Proceedings 1995 International Confer Experimental Physics Control Systems, Chi 1995.		nal Conference on A	Accelerator and Large	e				
		ВК				nternet," web page ory_long.txt (3 page	print-out (2/12/99) fr s).	om
		BL			ke Machine: Curre mu.edu/~coke/ (1 p		e print-out (2/12/99)	from
П		ВМ			nd Coke Machine C ss.ai.mit.edu/htbin/d		rint-out (2/12/99) fro	m
		BN					12/99) from http://ww 2Fmain.text.html (2	
		во	from http	://ww	v-cse.ucsd.edu/use	rs/bsy/coke.html (1		
		BP	38, n. 12,	Dece	ember 1995, pp. 479	9-480.	uage Server," IBM T	DB, Vol.
		BQ			ektronix to add Wet 995, p. 6.	software on new p	rinters," InfoWorld,	
		BR			del 51 FoxRemote I ary), pp. i-iv, 1-2.	I Installation and Co	onfiguration Guide," A	April 8,
		BS	"New Sta	te-Lo			ntrol Technology Co	rp., June
		ВТ	"NEW at	IPC/9	2! Ethernet link pro	vides Global PLC R	Registers," News Religible Search result).	
		BU	"NEW at	IPC/9	2! High-Capacity Ir	ntegrated Motion Co	introller," News Relea	
7	1	BV					Release, Control Tec	hnology



Substitute for form 1449A/PTO

5

PTO/SB/988 (98-00)

Approved for use through 10/31/2002 OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

7

November 23, 1999
Steven Dardinski
2759 2193
Not Yet Assigned Ingland Center 2100 Complete if Known **Application Number** Filing Date First Named Inventor Group Art Unit Examiner Name Attorney Docket Number

			(US), September 11, 1990, (DialogWeb search result).							
		BW	"Innovative Small Controller Family offers Full Integration," News Release, Control							
172	- 1		Technology, August 17, 1989, (DialogWeb search result).	į į						
\Box		BX	AC I/O Modules Available for Low-Cost Automation Controller," News Release,	Π.						
	- 1		Control Technology Corporation, June 28, 1989, (DialogWeb search result).							
		BY	"New Small Automation Controller features Precision Analog I/O Modules, " News							
			Release, Control Technology (US), May 30, 1989, (DialogWeb search result).							
		BZ	"Inexpensive Automation Controller features Message Display Capability," News							
1 1	- 1		Release, Control Technology (US), May 19, 1989, (DialogWeb search result).							
\Box	一十	CA	"Small Multi-Tasking Controller for Cost-sensitive Applications," News Release,							
			Control Technology US, November 8, 1988, (DialogWeb search result).							
		CB	"CAD/CAM Software creates Automation 'Programming Environment'," News							
1 1			Release, Control Technology (US), October 3, 1988, (DialogWeb search result).	١.						
		CC	"Automation Programming Environment runs On IBM (R) -PC," News Release,							
1 1			Control Technology (US), March 29, 1988, (DialogWeb search result).							
		CD	"Low-Cost Automation Controller features Motion Control, Communications," News	Т						
	1		Release, Control Technology (US), March 7, 1988, (DialogWeb search result).	ł						
		CE	"System Provides Stepping Motor Control in Workcell Environment," News							
			Release, Control Technology Corp., December 5, 1986, (DialogWeb search							
	1 1		result).							
		CF	"Multi-Tasking Controller provides High-level Instructions for Motion Control,							
1 1			Sequencing," News Release, Control Technology Corporation, August 22, 1986,							
lł			(DialogWeb search result).							
		CG	"Operator's Console creates 'Friendly' Machines," News Release, Control							
[Technology (US), May 19, 1986, (DialogWeb search result).							
		СН	"Automation Controller features fast 80186 Processor, Integrated Software," News							
1 1	1		Release, Control Technology (US), April 22, 1986, (DialogWeb search result).							
		CI	"Plug-Compatible Controls and Actuators Speed System Development," News							
l I	1		Release, Control Technology (US), January 13, 1986, (DialogWeb search result).							
		CJ	"Modular Valve Assemblies Connect to Controller with Ribbon Cable," New							
	1		Product Release, Control Technology (US), January 8, 1986, (DialogWeb search							
1 /	1		result).							
		CK	"Linear Actuators offer Plug-Compatibility with Controller," News Release, Control							
1			Technology (US), November 21, 1985, (DialogWeb search result).							
		CL	"Compact System combines Motion Control, Machine Control," News Release,							
LI			Control Technology, May 28, 1985, (DialogWeb search result).							
\Box		СМ	"Automation Controller accepts Customization," News Release, Control							
<u> </u>			Technology, July 12, 1985, (DialogWeb search result).							
	Γ	CN	"SECS-11 Communication Board Plugs into Automation Controller," News							
	\		Release, Control Technology, August 26, 1985, (DialogWeb search result).							
	\Box	CO	"Operator's Console for Automated Machines," News Release, Control							
1	1		Technology, August 15, 1985, (DialogWeb search result).							
	\top	CP	"Programmable Controller offers control of Stepping and Servo Motors," News							
	11		Release, Control Technology, May 31, 1985, (DialogWeb search result).							
	11	CQ	Taylor, Ken and Trevelyan, James, "A Telerobot on the World Wide Web," printed							
			from http://telerobot.mech.uwa.edu.au/ROBOT/telerobo.htm (14 pages).							
7	七	CR	"On-Line Vending Machine and Catalog Product Icons," IBM TDB, v. 38, n. 4 (April	\neg						

PTO/SB/08B (08-00)
Please (npe 2 lbs sign (*) institution this box

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Office the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless a contains a valid OMB control number.

Substitute for form 1449A/PTO

6

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

7

Complete If Known **Application Number** 09/448,223 Filing Date November 23, 1999 Steven Dardinski First Named Inventor Not Yet Assigned Anglorg Center 2100 Group Art Unit Examiner Name

Attorney Docket Number

			¥4
		1995), pp. 113-116.	T_{-}
T	CS	Tinham, Brian, "Getting SCADA by web browsner? Supervisory Control and Data Acquisition," Control and Instrumentation, No. 12, Vol. 28, December 1996, p. 5.	Τ
1	СТ	"Wizards wheel over SCADA systems; Supervisory Control and Data Acquisition," Control and Instrumentation, No. 12, Vol. 28, December 1996, p. 23.	T
	CU	Fulcher, Jim and Dilger, Karen Abramic, "Soft control, Internet spark ISA/96," Manufacturing Systems, Vol. 14, No. 12, December 1996, pp. 40-46.	T
	CV	"Information technology in manufacturing," Manufacturing Systems, Vol. 14, No. 12, December 1996, pp. 54-78.	
	CW	"A sensation in supervisory control," Manufacturing Systems (Windows NT in manufacturing Supplement), October 1996, pp. 12A-24A.	
	СХ	Demetratekes, Pam. "Go with the info flow; state-of-the-art automation in the food industry; includes related article on computer software for food processors," Food Processing, Vol. 57, No. 7, July 1996, P. 47.	
	CY	"New Products Provide Interactive Graphics Over Web Using Netscape Plug-Ins and Java," PR Newswire, May 20, 1996.	
	CZ	"Integrated Systems; Industry's top embedded operating software supports Java," M2 Presswire, March 4, 1996.	
	DA	"ErgoTech upgrades ErgoCim; First 'plug and play' component software for manufacturing," Business Wire, February 15, 1996.	
	DB	"Embedded Systems Conference Addresses the Increasing Complexity of Electronic Systems Design; Technical Program and Exhibits Help Embedded Systems Design Professionals Keep Pace with Rapid Change," PR Newswire, December 27, 1995.	
	DC	"Industry's top embedded operating software supports Java; pSOSystem enables Embedded Internet applications and Low-cost Internet appliances," Business Wire, February 1, 1996.	
	DD	"Gensym introduces G2 WebMiner for accessing and reasoning about data from the World Wide Web," Business Wire, May 15, 1996.	
	DE	"Gensym introduces Internet connectivity for its G2 family of intelligent real-time software," Business Wire, March 18, 1996.	
	DF	"Gensym Announces Its Initiative for Leveraging Intelligent Systems with Internet/Intranet Technology," Business Wire, October 7, 1997.	
	DG	"At Interop, Will ToasterNet Be on the Hot List?" Data Communications, Vol. 19, No. 13, October 1990, P. 214.	
	DH	Zeff, Joe. "Maui Sunset in Real Time (Moderns not Optional)," The New York Times, November 27, 1995, Section D, Column 2, P. 5.	
	DI	Toner, Mike. "Web's view of world far and wide," The Houston Chronicle, November 5, 1995, P. 6.	
	DJ	"Internet windows to the world," New Media Age, October 26, 1995, p. 4.	1
	DK	Foster, Kirsten. "surf's up; lights, camera, but no action; Steve is a Tech-Nomad. He wanders the streets with a camera on his head. And he wants you to join him," The Independent (London), August 13, 1995, p. 10.	
	DL	Henry, Jim, Ph.D., P.E. "Implementation of Practical Control Systems: Problems and Solutions," web page print-out from http://chem.engr.utc.edu/Documents/MACSCITECH/MACSCITECHpaper1.html (22 pages).	
712	DM	"Jim Henry's 1996 ASEE Paper," web page print-out from	

PTC/SB/08B (08-00)
Approved for use through 10/31/2002.OMB 0651-0031
U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE and to a collection of information unless?

Reduction Act of 1995, no persons are required to respond to a collection of information unless & contains a valid OMB control number. Complete if Known Substitute for form 1449A/PTO 09/448,223 Application Number INFORMATION DISCLOSURE Filing Date November 23, 1999 STATEMENT BY APPLICANT Steven Dardinski First Named Inventor Group Art Unit 2759 2193 (use as many sheets as necessary)

Not Yet Assigned Examiner Name of 7 Attorney Docket Number 102314-0054

		http://chem.engr.utc.edu/Documents/ASEE-96-full.html (5 pages).				
TF DN		Henry, Jim, Ph.D., P.E. "LabVIEW Applications in Engineering Labs: Controls, Chemical, Environmental," ASEE Conference, Anaheim, CA, June 25 – 28, 1995, web page print-out from http://chem.engr.utc.edu/Documents/ASEE-95-full.html (22 pages).				
	DO	"Breaking News for Invensys Software Systems Employees; iBaan and FactorySuite 2000 Integration Announced," internal e-mail dated March 23, 2001.				
	DP Gertz, Matthew, et al. "A Human-Machine Interface for Distributed Virtual Laboratories," IEEE Robotics & Automation Magazine 1 (1994) December, No. (New York) pp. 5-13.					
	DQ Soreide, N. N., et al. "Mosaic access to real-time data from the TOG of moored buoys," Computer Networks and ISDN Systems 28 (1995)					
	DR	Goldstein, Ira and Hardin, Joseph. "Guest editorial," Computer Networks and ISDN Systems 28 (1995) p. 1.				
	DS	Slater, A. F. "Controlled by the Web," Computer Networks and ISDN Systems 27 (1994) pp. 289-295.				
	DT	Goldberg, Ken, et al. "Beyond the Web: manipulating the real world," Computer Networks and ISDN Systems 28 (1995) pp. 209-219.				
	DU	Goldstein, Ira and Hardin, Joseph, "Guest editorial," Computer Networks and ISDN Systems 28 (1995) p. 1.				
	DV	Goldberg, Ken, et al. "Desktop Teleoperation via the World Wide Web," IEEE International Conference on Robotics and Automation, pp. 654 – 659.				
TP	DW	*Disk Drive with Embedded Hyper-Text Markup Language Server,* IBM TDB, December 1995				

Examiner Signature	MOTIVI	Date Considered	2/1/06

*EXAMINER: Initial if reference considered, whether orang circlion is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next convolunication to applicant.

*Unique citation designation number. *Applicant is to place a check mark here if English language Translation is attached

/	0	1 F	E	To the second
2	JUH	1 8	2001	ָרָב : נאוי _ר
	sign (+) insk	te this t	<i>-</i>

Please type

PTO/SB/08B (08-00)

Approved for use through 10/31/2002.0MB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwood Paperwood Contains a valid OMB control number.

94	stitute for form 1449A	PTO		Complete if Known			
-				Application Number	09/448,223		
IN	FORMATI	ON DI	SCLOSURE	Filing Date	November 23, 1999		
S	TATEMEN	T BY	APPLICANT	First Named Inventor	Steven Dardinski		
				Group Art Unit	2759- 2193		
	(use as man	y sheets as	necessary)	Examiner Name	Not Yet Assigned Fagler		
neet 1		1 of 1		Attorney Docket Number	102314-0054		

U.S. PATENT DOCUMENTS									
Examine Initials	Cite No.	U.S. Patenti I Number	Document Kind Code ² (If known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
7.5	A	6,061,603		Papadopoulos et al.	05-09-2000				
	В	6,151,625		Swales et al.	11-21-2000				
	С	6,218,930	B1	Katzenberg et al.	04-17-2001				
\neg	D	6,201,996	B1	Crater et al.	03-13-2001				
	E	6,176,421	B1	Royal, Jr. et al.	01-23-2001				
	F	6,139,177		Venkatraman et al.	10-31-2000				
\neg	G	6,055,633		Schrier et al. 04-25-2000	04-25-2000				
	H 5,956,487			Venkatraman et al. 09-21-1999					
1	1	5,980,090		Royal, Jr. et al.	11-09-1999				
双	J	5,805,442		Crater et al.	09-08-1998				
<u> </u>	1								
		1							
									
	1								
	1								
	1				4				
	1								
	1								

				FOREIG	N PATENT DOCUMENTS	3		
		Foreign Patent Document				Pages, Columns, Lines,	П	
Examiner Initiats*	Cite No.1	Office ³	Number ^a	Kind Code ⁸ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DO-YYYY	Where Relevant Passages or Relevant Figures Appear	7*
								oxday
								╁
		 					•	T
								oxdot
		 						╄
		 						╀
	L					<u> </u>		

Examiner Signature	CKATKY	Date Considered 2 1 06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next dogsimulated in to applicant.

*Unique citation designation number. *Applicant is to place a check mark here if English language Translation is attached

Please type a plus sign (+) inside this box ____

PTO/SB/08B (08-00)
Please type a plus sign (+) inside this box

Approved for use through 10/31/2002.OMB 0651-0031

U. S. Petent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of 2

Complete if Known 09/448,223 Application Number Filling Date November 23, 1999 First Named Inventor Dardinski et al. Group Art Unit 2750- 2193 Not Yet Assigned Examiner Name Attorney Docket Number **Technology Center 2100**

0102314-00054

	U.S. PATENT DOCUMENTS									
Examiner Initials*		Cite No.		cument ind Code ² I Impum)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
-	1	A	Re 33,162	- ~	Yoshida et al.	02-13-1990	Figures Appear			
一;	_سر	В	3,665,172	+	Spaargaren et al.	05-23-1972				
\vdash		c	4,006,464	\top	Landell	02-01-1977				
Н		D	4,413,314	1-	Slater et al.	11-01-1983				
		E	4,443,861	+-	Slater	04-17-1984				
		F	4,639,852		Motomiya	01-27-1987				
	1	G	4,682,158		Ito et al.	07-21-1987				
		Н	4,641,269		Japenga et al.	02-03-1987				
		ı	4,704,676	T	Flanagan et al.	11-03-1987				
		J	5,121,318	1	Lipner et al.	06-09-1992				
		K	5,124,908	1	Broadbent	06-23-1992				
		L	5,140,677		Fleming et al.	08-18-1992				
		М	5,164,894		Cunningham-Reid et al.	11-17-1992				
		N	5,202,961		Mills et al.	04-13-1993				
		0	5,251,125		Karnowski et al.	10-05-1993				
		Р	5,309,556		Sismilich	05-03-1994				
		Q	5,377,315		Leggett	12-27-1994				
		R	5,384,910		Torres	01-24-1995				
		S	5,392,389		Fleming	02-21-1995				
		T	5,394,522		Sanchez-Frank et al.	02-28-1995				
		U	5,408,603		Van de Lavoir et al.	04-18-1995				
		٧	5,420,977		Sztipanovits et al.	05-30-1995				
		W	5,426,732		Boies et al.	06-20-1995				
		<u>X</u>	5,428,734		Haynes et al.	06-27-1995				
		Υ	5,437,007		Bailey et al.	07-25-1995				
\Box		Z	5,452,201		Pieronek et al.	09-19-1995				
		AA	5,459,825		Anderson et al.	10-17-1995				
Ц		AB	5,461,710		Bloomfield et al.	10-24-1995				
Ц		AC	5,467,264		Rauch et al.	11-14-1995				
$oldsymbol{\perp}$		AD_	5,500,934		Austin et al.	03-19-1996				
		AE	5,504,672		Hardiman et al.	04-02-1996				
		AF	5,519,605		Cawlfield	05-21-1996				
		AG	5,559,691		Monta et al.	09-24-1996				
		AH	5,621,871		Jaremko et al.	04-15-1997				
	P	Al	5,920,479		Sojoodi et al.	07-06-1999				
		L								



OIPE CE

Please type a plus sign (+) inside this box

lacksquare

PTO/SB/088 (08-00)
Approved for use through 10/31/2002 OMB 0651-0031
U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

Complete if Known					
Application Number	09/448,223	RECEIVED			
Filing Date	09/448,223 November 23, 1999	POEIVED			
First Named Inventor	Dardinski et al.	JUL 8 1 2002			
Group Art Unit	2759 2113	00 0 1 CUIC			

Examiner Name	Not Yet Assigned Chnology Cen
Attorney Docket Number	0102314-00054

				FORE	GN PATENT DOCUMENTS	5		
			Foreign Patent Docum	nent			Pages, Columns, Lines	T
Examiner Initials*	Cite No.	Office ³	Number ^a	Kind Code ⁵ (# known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Where Retwart Passages or Retwart Figures Appear	To
704	AJ	PCT	WO 95/04314		Fisher-Rosemount	02-09-1995		1
								╁

^{*}EXAMINER: tritial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that Issued the document, by the two-letter code (MPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English tanguage Transiation is attached.

<u> </u>					·		
Form PTO - (REV. 8-83)	1449				Atty Docket: 0102314-00054	In re Applica 09/448	
. INFOI	RMATION DISCLOS		(A)	200	Applicant:	Dardinski, et	al
(U:	se several sheets if	\	En met		Filing Date: 11/23/1999	Group: 27 59	a3
		U.S. PATENT DO	COMENTS				
Examiner's					HEC	EIVED	\ \
Initials	U.S. Patent No.	Applicant	ls	ssue Date	Nou	- V LL	,
maas	0.0.1 aton 110.	утррисант		sac Date	NUV	0 8 2002 -	
					Technology	Center 210	
	1				9)	, Pausal 510	0
	FO	REIGN PATENT	DOCUMEN.	TS			
Examiner's	Document No.	Country	D	ate		Trans	slation
Initials						Yes	No
				·			
							
		OTHER	DOCUMENT	ſS			
- An							
TT	"Agenda," World I	Batch Forum 199	4 (March 6-9	, 1994), Te	mpe, AZ.		
	Bader, F. P. "Build	ding a Better Bate	ch Control Fo	undation w	ith IEC 1131-	3 Control	Ī
	Languages," 1994	World Batch Fo	rum (March 6	5-9, 1994).			
	Brown, Jerry et al			n Batch Co	ntrol System A	Architecture	s,"
	1994 World Batch Bullotta, Rick. "De			cec for Rat	ch Processes	" 100A WA	ਜ਼ਰ
	Batch Forum (Ma		Osei iiiteila	ices foi bat	CII FIOCESSES	, 1334 000	iiu
	Friscia, Anthony e	t al. "MES: Manu	ufacturing's N	Aissing Link	is a Tool for	Change." 1	994
	World Batch Foru			J		J.,	
L	"Policy Manual," 1	994 World Batch	Forum (Mar	ch 6-9, 199	4).	 	
1	"SP88 Mes Task- 1994).	rorce Europe Pos	SILION DOCUM	епі, 1994	ANOUG BAICU I	-orum (Mar	cn 6-9,
r 	Van de Pol, P. "O	mniChem: Real	Time Produc	tion schedu	ling in a batch	oriented	
	environment," 199				_		
	"1995 World Batc	h Forum: Meetin				4, 1995) Ne	wtown
	Square, Pennsylvania.						
	Adler, David J. et al. "Does a Manufacturing Execution System Reduce the Cost of						
	Production for Bulk Pharmaceuticals?" 1995 World Batch Forum (May 22-24, 1995). Ash, Raymond H. et al. "Strategic Needs in Batch Manufacturing." 1995 World Batch						
	Forum (May 22-24		iveens ili Dgj	cii iviatiula	wanng. 1995	AAOHO DGE	uf I
	Benner, Stephen		Process Mar	nufacturing	A MES Vend	or view" 19	995
	World Batch Foru			·			
	Bristol, E H., "Not			Language	" 1995 World	Batch Foru	m (Mav
	22-24, 1995).	= ====================================	, , ,				()
TE	Brown, Jerry et al.	-	nallenge Of A	Automation	Technology,"	1995 Work	Batch
14	Forum (May 22-24	1 , 1995).					

1 44	
· ~ Y	Fisher, Thomas G., P.E. "SP88 Update Now and the Future," 1995 World Batch Forum
-17.	(May 22-24, 1995).
	Gillespie, David P., Ph.D. "Comprehensive Information Management: EPA, OSHA, and
	Beyond," 1995 World Batch Forum (May 22-24, 1995).
	Grant, Dr. R. Peter. "The Impact of Reengineering on the Batch Manufacturing
	Workplace," 1995 World Batch Forum (May 22-24, 1995).
	Kissling, Jeffrey L. "Flexible Software Structures and Change Management," 1995 World
	Batch Forum (May 22-24, 1995).
	Loos, Peter. "Production Management - Linking Business Applications to Process Control,"
	1995 World Batch Forum (May 22-24, 1995).
	Ochoa, David. "Effects of Alliances nad Acquisitions on the Batch Automation Vise 1995
	World Batch Forum (May 22-24, 1995).
	"Plant Operations Framework," AMR Report (May/June 1995). Technology Center 2100 Reklaitis, G. V. "Scheduling Approaches for the Batch Process Industries," 1993 World.
	Batch Forum (May 22-24, 1995).
	Rosenof, Howard P. "Dynamic Scheduling for a Brewery," 1995 World Batch Forum (May
	22-24, 1995).
	Schreiber Philip et al. "Process Automation Using SP88," 1995 World Batch Forum (May
	22-24, 1995).
	Strobhar, David A. "Evolution of Operator Decision Making," 1995 World Batch Forum
	(May 22-24, 1995).
	Vardy, Joel M. "Integrating Manufacturing into the Corporate Reengineering Effort for the
	Batch Industries," 1995 World Batch Forum (May 22-24, 1995). Webb, Marcus. "Computer System Implementation, Batch Standards and Validation," 1995
	World Batch Forum (May 22-24, 1995).
1	Young, Stephen L. "TechnologyThe Enabler for Tomorrow's Agile Enterprise," 1995
17	World Batch Forum (May 22-24, 1995).
	177010 Datoit 1 Oldin (1718) 22-24, 1935).
	- Coat // /
EXAMINER	DATE CONSIDERED 2 1 00
EXAMINER: I	nitial if citation considered, whether or not citation is in conformance with MPEP 609;
Draw line thro	ugh citation if not in conformance and not considered. Include copy of this form with
next communi	cation to applicant.
<u> </u>	

Form PTO - 1449 (REV. 8-83)		US Department of 0 Patent and Tradem	Atty Docket: 0102314-00054	In re Applic 09/44		
/	RMATION DISCLOS			Applicant:	Dardinski, e	et al
Examiner's	ຮອີ່ several sheets if ກ	ecessary)		Filing Date: 11/23/1999	Group: 2759 2	195
Se promotion	ຶ/ ເ	J.S. PATENT DOCU	MENTS			
Examiner's					RECEI	VE
Initials	U.S. Patent No.	Applicant	Issue Date		Nov	-
77		Onarheim et al.	12/1/92		NOV 0 5	200
	5,841,360		11/24/98	190	nology Com	
		Fisher et al.	11/30/99		nology Cent	912
	6,115,468		9/5/00	ļ		
7	6,140,911	Fisher et al.	10/31/00	 		
	-			 		
				-		
	FOR	REIGN PATENT DO	CUMENTS			
Examiner's	Document No.				T	حاد
	Document No.	Country	Date		Tran	_
Initials					Yes	N
17	WO 96/23377	PCT	8/1/1996			
	WO 98/20649	PCT	5/14/1998			
	WO 98/36518	PCT	8/20/1998			
-13	WO 98/54843	PCT	12/3/1998	<u> </u>		\perp
		OTHER DO	CHARME			
	Stanlaton Niek #9			DI Call for into		
-01	1999).	02.3 Working Group	DUIE POWEI VIA IVII	of Call for inte	rest, scor	н (,
	1999).					
	Hohenstein David	"Between the host	and device "InTa	ech (July 2000	1	
	"Introducing Bailey	Evolution 90 MTh	e sound investmen	t strategy for p	rocess	
	"Introducing Bailey Evolution 901MThe sound investment strategy for process automation," Bailey infi 90 (brochure)					
	"Wide-range, Fully Compatible Family of Process Automation & Management Systems,"					
	Copyright © 1993 by Elsag Bailey Group as an Unpublished Work.					
"Make Your Automation Plan a Reality: MAX1000," Leeds & Northrup Technical Ove			ver			
	(no date)					
	"Unbundling the DCS" (no publication information)					
	"Elsag Bailey Automation," (in Italian, no date)					
	"Fisher-Rosemount Is: Managing the Process Better," Fisher Controls International, Inc. and Rosemount Inc. 1993.					
	"Process Manager	Specification and Te	echnical Data," UCC	03-300 9/91 Ho	oneywell ©	19

14	1 - ' '	•	From Stand-alone Control to Full System Inf u," Honeywell (no date)	tegration
	"Toshiba Integr	ated Control Syste	em," Technical Manual Third Edition (Nover	nber 1990)
Ò	Notte, Angelo J	J. "Multitasking Cap	pability Simplifies Process Control Design	(po date)
			RE	CEIVED
	<u> </u>			v n 5-2002
EXAMINER	MA	HX	DATE CONSIDERED Z 1 C	Center 2100
EXAMINER: I	nitial if citation(co	onsidered, whether	er or not citation is in conformance with MPE	EP 609;
Draw line throu		t in conformance a	and not considered. Include copy of this for	

.

₹



PTO/SB/08a/b (08-03)
Approved for use through 07/3 1/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
or the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB contain number

	Under the Paperwich	ROOUC	CONTACTOR 1999, NO DELECTO SER HER	thise in isshoun in a comercion of	triomiatori unites il contarte a vi	AND CHARGE STATE STATE OF	<u> </u>
Su	bstbute for form 1449A/B/PT	0					
-				Application Number	09/448,223	DECE	/ED
II	NFORMATION	l DI	SCLOSURE	Filing Date	09/448,223 November 23, 199	TEOLI	ע⊏ט
5	TATEMENT 8	3Y /	APPLICANT	First Named Inventor	Steven Dardinski	DEC 2.2	
(Use as many sheets as necessary)				Art Unit	2758 2193		
				Examiner Name	2759- 2193 Not Yet Assigned 6	chnology Ce	hter 2100
Sheet	1	of	1	Attorney Docket Number	102314-0054		

	U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (#Inown)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
77	· AA	US-6,345,382	02-05-2002	Hughes, Stephen C.					
	AB	US-6,018,627	01-25-2000	lyengar, et al.					
	AC	US-6,405,210	06-11-2002	Doyle, et al.					
73	AD	US-6,269,473	07-31-2001	Freed, et al.					

	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ³ (** known)	Publication Date MM-OD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Mind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS							
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²				
TF	CA	Integrating UML Diagrams for Production Control Systems," Hans J. Koher, et al., ACM page 241 - 251, 2000					
	СВ	"Automatic Control Systems," George J. Thayer, et al., pages 1 - 60, 1989					
	CC	ControlShell Version 6.0 User's Manual, Whole Manual, January 1999	T				
45	CD	SNAP Foundation Template "Using the SNAP Development Environment," Version 8.0, Chapters 1 - 4, 1997					

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

'Applicant's unique citation designation number (optional). 'Applicant is to place a check mark here if English tanguage Translation is attached.

Examiner Signature	V JOB WY	Date Considered 2106
	1///	

Sut	bstitute for form 1449A/B	PTO		Complete IT Known		
				Application Number	09/448,223 DECEIV	
11	NFORMATIC	N DI	SCLOSURE	Filing Date	09/448,223 PECEN November 23, 1999	
S	STATEMENT BY APPLICANT			First Named Inventor	Steven Dardinski DFC 2 2	
				Art Unit	2759	
	(Use as many	sheets as	necessary)	Examiner Name	Not Yet Assigne Technology Ce	
Sheet	1	of	1	Attorney Docket Number	102314-0054	

	U.S. PATENT DOCUMENTS							
Exam Initiat		Cite No.1	Document Number Number-Kind Code ² (# Innown)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
7		AA	US-5,940,294	09-17-1999	Dove, Andrew P.			
		AB	US-6,195,591	02-27-2001	Nixon, et al.			
		AC	US-6,445,962	09-03-2002	Blevins, et al.			
		AD	US-6,442,442	08-27-2002	Weinhofer, Juergen K.			
	-	ΑĒ	US-5,568,378	10-22-1996	Wojsznis, Wilhem K.			
	7	AF	US-6,405,099	06-11-2002	Nagai, et al.			

FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
Initiats*	No.1	Country Code ³ -Number ⁴ -Kind Code ³ (# known)					
						Г	

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicants unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at https://www.usoto.gov/ or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Nind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²		
74	CA	ControlShell version 5.1, User's Manual, Real-Time Innovations, June 1996, Whole manual			

^{*}EXAMINER: tnitial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ŧ

Examiner Signature

· • • •

Date Considered

2/106

^{&#}x27;Applicant's unique citation designation number (optional). 3Applicant is to place a check mark here if English language Translation is attached.